



*The* UNIVERSITY *of* OKLAHOMA  
**HEALTH SCIENCES CENTER**

# Research Opportunities on OUHSC Campus

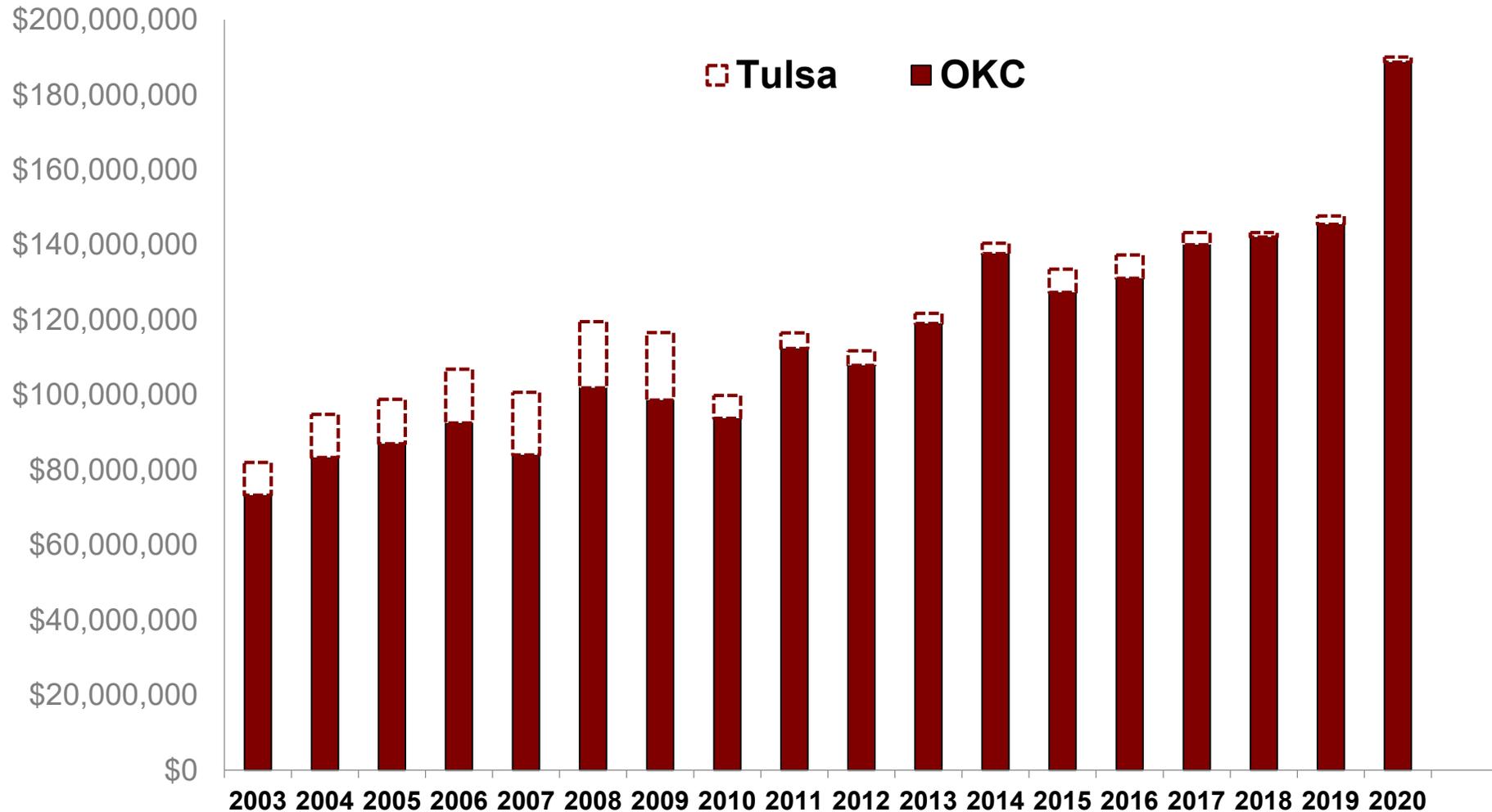
Mary Beth Humphrey, MD, PhD

Associate Dean For Research

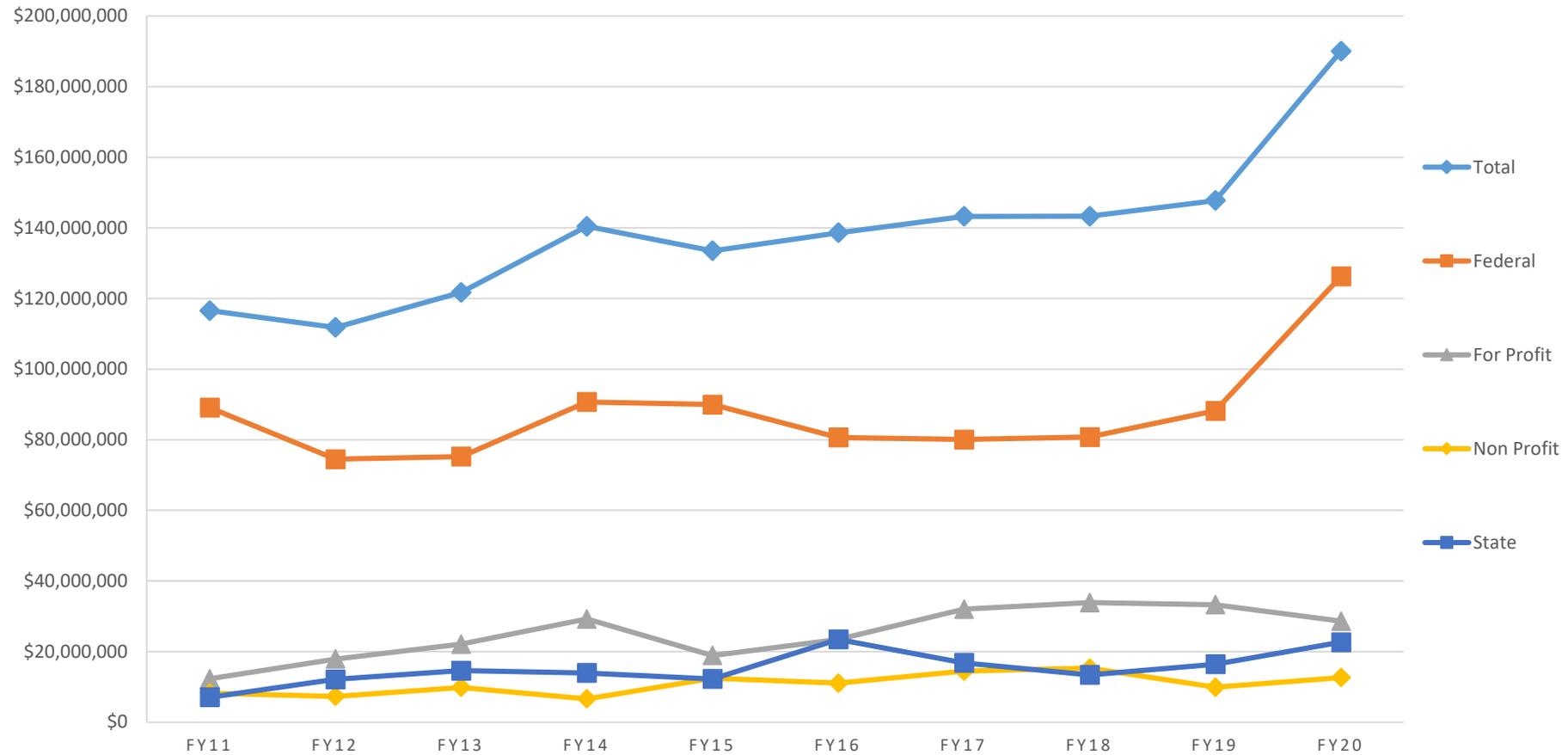
College of Medicine

December 2020

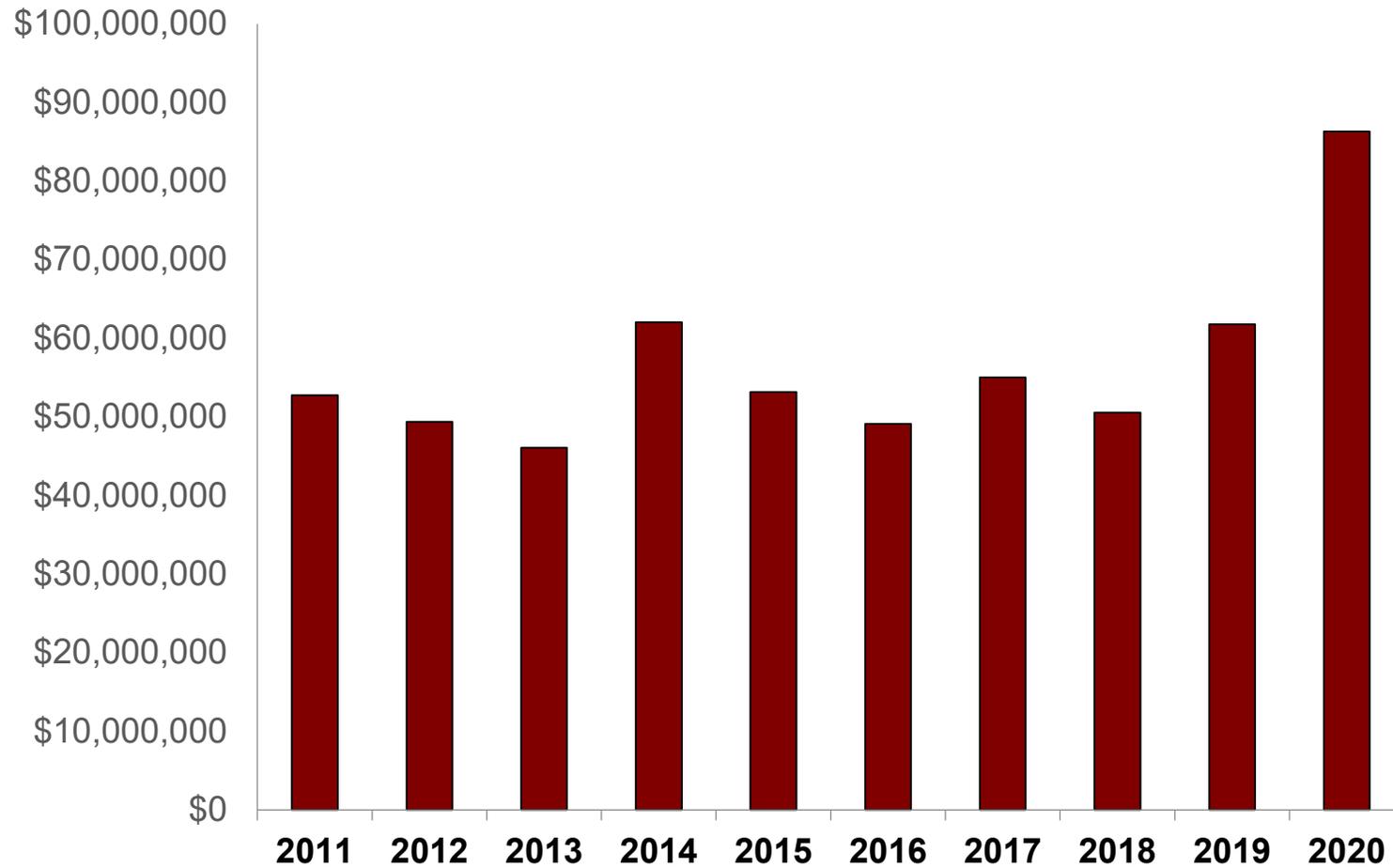
# OUHSC Total Sponsored Awards



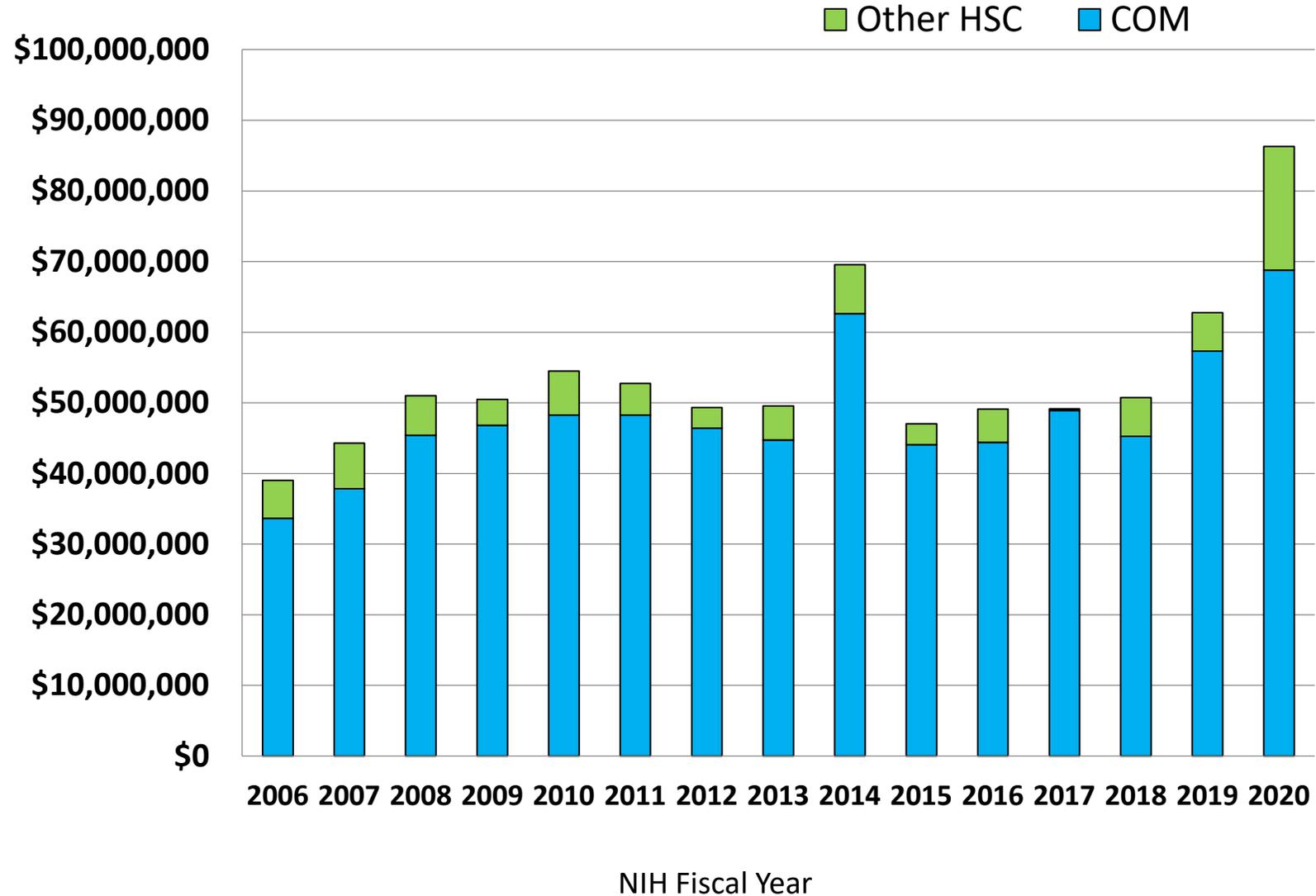
# OUHSC Federal Awards



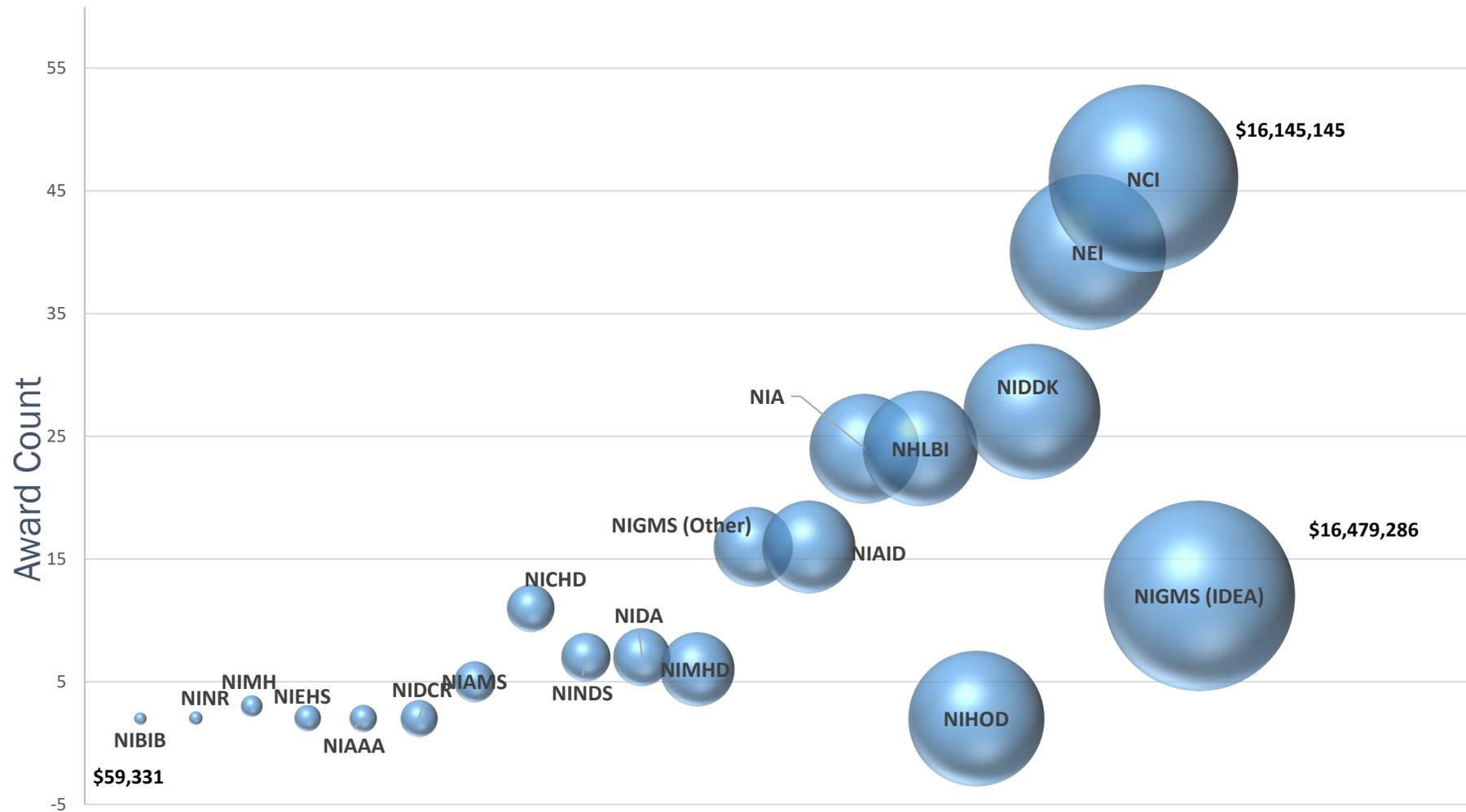
# OUHSC NIH Awards



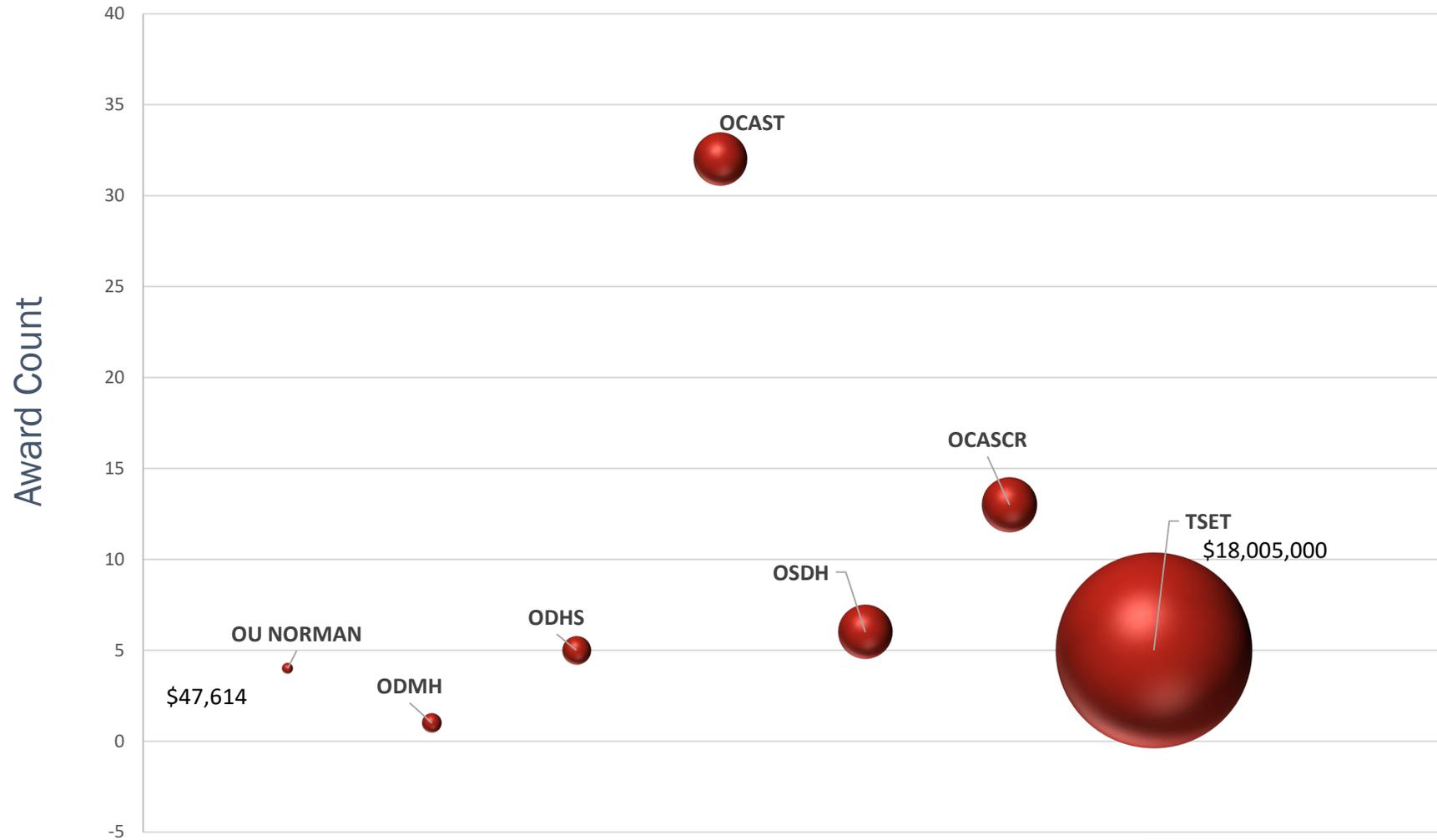
# OUHSC NIH Awards



# FY2020 NIH Award Funding by Agency



# FY2020 State Award Funding



# Areas of Strength and Growth on OUHSC Campus

- **Cancer:** outcomes, epidemiology, dissemination of knowledge to community, brain cancer
- **Geroscience:** Second year of COBRE
- **Diabetes:** epigenetics, maternal-fetal transfer of metabolic risk
- **Microbiology and Immunology:** newly awarded COBRE
- **Neuroscience:** strengthened by recruitment of Dr. Dunn and colleagues
- **Vision**
- **Clinical Trials**
- **Team Science**

# Research Funding Opportunities



## • **Presbyterian Health Foundation Grants:**

- Biomedical Research Grants open to OMRF and OUHSC faculty
- Most deadlines in March and April (but may vary each year)
- <https://research.ouhsc.edu/Resources/PHF-Funding-2021>

Phfokc.com

Grant Type	Deadline
Equipment	March 26, 2021
Research Support	March 26, 2021
Symposium	March 26, 2021
New Investigator Seed (Requires nomination by College)	April 2, 2021
Seed	April 2, 2021
Clinician Scientist Development	April 9, 2021
Team Science	April 9, 2021
Bridge	April 30, 2021

# Research Funding Opportunities



## • **Presbyterian Health Foundation Grants:**

- **Bridge:** 75K for one year if you have a scored but unfunded R01 (or other grant >750K) (3 times a year submission when you get your scores)
- **Seed:** 50K for one year, new investigator status only, one nominated from each college
- **Team Science:** must have two or more investigators (majority from OUHSC) from different departments or colleges, 100K renewable for up to 3 years.
- **Clinician Scientist Development Grant (MD, DDS, DPT, PhD that sees patients such as a psychologist):** 75K for 1 year, renewable for year 2
- **Equipment:** varies but requires 50% match up to 250K (PHF funds plus match to 500K)
- **Symposia grants:** requires 50% match up to 25K (PHF funds plus match 50K)
- **Research Support Grants** (15K for graduate student stipends working on extramural funded project)

# Oklahoma Center for Adult Stem Cell Research (OCASCR) Grants



- [WWW.ocascr.org](http://WWW.ocascr.org)
- Funded by the Oklahoma Tobacco Settlement Endowed Trust
- Grants supported up to \$150,000/year for up to 2 years
- Funds **stem cell and regenerative medicine** investigations
- Next submission deadline is January 29, 2021
  - Research grants (\$150K for 1-2 years)
  - Travel grants \$2,500
  - Equipment grants (\$15-450K) (usually require matching funds for large purchases)

# OSCTR (OK Shared Clinical and Translational Resources)

- OSCTR Scholar Program: Provides training and support to physicians engaging in clinical research, helps PhD researchers get patient related data
- **Mentoring junior investigators** in Oklahoma to career development awards (e.g. K08, K23, national foundation awards)
- Providing the OSCTR Scholar program which provides an intensive one week Clinical Translational Research experience partnered with development of a clinical research project for external funding.
- Works with OK City Area Inter-Tribal Health Board to expand availability of clinical trials to tribal patients



# OSCTR (OK Shared Clinical and Translational Resources)

- Research Navigator that helps with IRB, IACUC, biostats, epidemiology, grants accounting and grant submissions
- Provides exam rooms and nurses, clinical coordinators in the Harold Hamm Diabetes Center for clinical trial patients to be seen, also can have patients sent there for biological sample collection for translational research
- Blood draws and other procedures can be performed there
- They will process samples and store samples for you



# OSCTR Clinical and Translational Research Pilot (CTRP) Grants

- Funding for collaborative and/or multi-disciplinary ***clinical and translational*** pilot projects between investigators of the OSCTR member institutions.
- Proposals designed to generate preliminary data that will **improved health and/or healthcare for citizens of Oklahoma** and enhance the competitiveness of the investigators for future extramural funding.
- Funds innovative concepts, approaches, and methodologies that bring fresh new ideas to solving the health issues of those living in Oklahoma and collaborating IDeA states.
- **Projects that focus on the medically underserved and on health concerns prevalent within Oklahoma and our OSCTR partners will be a priority.**
- *Only projects which meet the NIH definition of clinical and/or translational research will be accepted.*
- Pilot projects: 50K for one year, rolling submissions



# OSCTR Community-Engaged Research Exploratory (CERE) Awards

- Supports community engagement to develop funded research partnerships.
- Funds can be used for research development activities, including convening partners, working with individuals pursuing related work, and conducting needs assessments in community settings.
- The application should consist of a 2-page letter from the main applicant (which can be either a community agency or an academic researcher) describing the collaboration, the contributions that the proposed work will make to a successful research partnership, and a line item budget.
- Budget requests are expected to be \$5,000-\$10,000 with budgets that permit the expenditure of the entire award by
- June 30, 2020. A separate letter of support from either the academic or community partner indicating their agreement with the proposed activities should also be included.
- Proposals will be evaluated on a rolling basis. Please submit proposals by email to [osctr@ouhsc.edu](mailto:osctr@ouhsc.edu).



- **OCAST Health Research/Applied Research Grants:**
  - 45K per year 1- 3 year grants
  - Funds basic research, epidemiology, big data science, biomedical engineering, pharmaceutical sciences, special imaging
  - Reviewed by NIH funded researchers outside of Oklahoma
  - 1 year Post-doctoral awards for 75K
  - Apply May – July 2, Grants reviewed in August, Approved in September, Start date October 1
- **COMAA (College of Medicine Alumni Association) Awards: 45K, 1 year**
  - Full time COM faculty can apply
  - Deadline usually in April
  - Funding is July to June
  - Typically 4-5 grants funded



- OK-INBRE (Idea Network of Biomedical research Excellence)
  - INBRE Grants for biomedical research, 100K per year for 2-3 years, (Next deadline is Fall 2021) (OKINBRE.ouhsc.edu)
  - INBRE Collaborative Grants, 50K one year, Feb 21, 2020 (OKINBRE.ouhsc.edu)

- Harold Hamm Diabetes Seed grants and Multi-PI grants



- VA pilot grants: 35-50K



- IBEST-OUHSC Funding for Interdisciplinary Research – Request for applications to support collaborative research activities between OUHSC researchers and OU-Norman researchers in the area of biomedical engineering

# International Post-doctoral fellow opportunities

- [https://www.nationalpostdoc.org/page/Postdocs\\_Central\\_Hub](https://www.nationalpostdoc.org/page/Postdocs_Central_Hub)
- [https://cdn.ymaws.com/www.nationalpostdoc.org/resource/resmgr/Docs/NPA\\_International\\_Fellowship.pdf](https://cdn.ymaws.com/www.nationalpostdoc.org/resource/resmgr/Docs/NPA_International_Fellowship.pdf)